

Claims

1. Optical wave-guide cable network, in which the optical wave-guide cables (2) are mounted on the wall of inaccessible conduit or pipe systems by means of fixing elements (3; 3'; 3''; 3'''), the fixing elements comprising means (3a, 3'a, 3''a, 3'''a) for holding at least one optical wave-guide cable and means (3, 3'b, 3''b) for fixing on the wall of the conduit or pipe system,

characterized in that the fixing means are formed by a resiliently prestressed, closed special-steel ring which presses against the wall of the conduit or pipe system.

2. Optical wave-guide cable network according to Claim 1, characterized in that the fixing elements are shaped so as to favour a flow.

3. Optical wave-guide cable network according to Claim 1, characterized in that the fixing element (3b; 3'; 3''b) comprises means (3'a, 3''a, 3'''a) for holding a plurality of optical wave-guide cables (2), the fixing element being formed in a manner such that the optical wave-guide cables are fitted closely side by side and flat against the wall (1a) of the conduit or pipe system.

4. Optical wave-guide cable network according to Claim 1, characterized in that the means (3a, 3'a, 3''a, 3'''a) for holding an optical wave-guide cable are formed as snap clips.

5. Optical wave-guide cable network according to Claim 1, characterized in that the optical wave-guide cable (2)

comprises a metal tube in which optical wave-guide fibres are arranged.

6. Optical wave-guide cable network according to Claim 5, characterized in that the tube has a diameter of less than 15 mm.

7. Optical wave-guide cable network according to Claim 1, characterized in that the optical wave-guide cable network is led through a sewage conduit and is led out of the conduit or pipe system in the region of a conduit-access portion (8) for cleaning.

8. Optical wave-guide cable network according to Claim 1, characterized in that the optical wave-guide cable (2) is fixed in a cable duct (4) on the wall (1a) of the conduit or pipe system.

9. Optical wave-guide cable network according to Claim 1, characterized in that, in order to fix the optical wave-guide cable (2), the fixing element (3') is formed in a manner such that the optical wave-guide cable (2) is fixed between the wall (1a) of the conduit or pipe system and the fixing element.

10. Optical wave-guide cable network according to Claim 3, characterized in that the optical wave-guide cables (2) comprise an outer metal tube with good flexional characteristics combined with good stability and a diameter of less than 15 mm, in which optical wave-guide fibres are arranged.